



## Busworld Brussels making a strong start

The 25th edition of Busworld will be held for the first time in Brussels. The familiar location in Kortrijk had become (far) too cramped for the ever-increasing interest of manufacturers, suppliers, the press and the public. The decision to relocate to Brussels was obvious with the international airport nearby, the extensive hotel accommodation and public transport facilities. In addition, Brussels Expo offers ample space to offer all exhibitors the space they need, as well as the opportunity to grow even further. In short, Busworld Brussels is making a strong start.

On a total covered area of 79,000 m<sup>2</sup> (approximately 60,000 m<sup>2</sup> net) including 9 halls, 75 manufacturers are presenting 310 vehicles and 42 buses under the Atomium for test drives. In total there are 510 exhibitors from 39 countries. The top three will be led by 96 exhibitors from Turkey, 78 from Germany and 54 from China and no less than 150 new suppliers. Between the stands a red carpet of 5 km was rolled out!

"The city of Brussels is undeniably attracting more international attention," says Redgy Deschacht, chairman of Busworld Europe.

The transition from Kortrijk to Brussels went smoothly. Mieke Glorieux, director of Busworld: "With the exception of the location, the familiar concept of Busworld did not change at all. Atmosphere is extremely important to us. ALMOST ALL OF OUR CLIENTS ARE friends. The familiar faces will also assist you in answering



Director Mieke Glorieux and chairman of Busworld Europe Redgy Deschacht are very satisfied with the start of Busworld in Brussels.

your questions. For assistance, Busworld continues to collaborate with Kortrijk Xpo, add to that the excellent reception of Brussels Expo and from day one we immediately felt at home here".

### Internationalisation

As the area has grown, the number of exhibitors has grown and internationalisation has increased. Among the new participants is even MCV, the Egyptian bus manufacturer. The internationalisation is not only limited to manufacturers and suppliers, but the number of journalists has also increased exponentially. They come from all over the world. It is expected that more visitors from more

countries will also visit Busworld. Mieke Glorieux: "Internationalisation started in the 1980s with the arrival of the Spaniards, followed by the Turks in the 1990s. After the Millennium, the Chinese made their appearance. After 2010, the Eastern Bloc and the Late-American and Asian countries followed".



### First trambus with limited timetable on Belgian road network

## BUSWORLD SHUTTLE FROM BRUSSELS AIRPORT



During Busworld Europe, from 17 to 23 October, Busworld, Van Hool and the Flemish public transport company De Lijn will provide a daily shuttle service between Brussels Airport and Brussels Expo. From 19 to 23 October, this shuttle service will be powered by Exqui.City 24 Diesel Hybrid trambuses from Van Hool. This is the first time that trambuses are operating in Belgium with a, albeit limited, regular timetable.

The Busworld Europe Shuttle departs from the bus parking at level 0 of Brussels Airport and transports guests in 45 minutes directly to Brussels Expo, without any stops on the way, at the main entrance (Keizerin Charlottelaan).

On 17 and 18 October, the free passage of a 24-metre trambus on the route will

be hindered by safety measures for the European summit of Heads of State and Government and conventional buses will be used instead on those days. From 19 to 23 October, the Exqui.City 24 Hyb trambuses will be in service.

The Busworld Europe Shuttle departs every half hour, both at Brussels Airport and at Brussels Expo.

On Friday 18 October the bus leaves Brussels Airport at 10.30h, 11.30h, 12.30h, 13.30h, 14.30h and 15.30h. The last ride back leaves Brussels Expo at 16.30h.

On Saturday 19, Sunday 20, Monday 21 and Tuesday 22 October the Exqui.City 24 Hyb trambus departs at 9.30h, 10.30h, 11.30h, 12.30h, 13.30h, 14.30h, 15.30h and 16.30h in Brussels Airport. The last drive back from Brussels Expo will take place at 17.30 h.

On Wednesday 23 October, the Exqui.City 24 Hyb trambus departs at 12.30h, 13.30h, 14.30h, 15.30h, 16.30h and 17.30h in Brussels Airport. The last drive back from Brussels Expo will take place at 18.30h.

### Free access to the Brussels metro, tram and bus

If you have applied for a Busworld ticket in advance and you have received the corresponding code, you can purchase a "free event pass" at the vending machines of the Brussels transport company to travel to Brussels Expo free-of-charge by metro, tram or gray-coloured buses.

## Today's Busworld Academy's seminars



busworld academy

KNOWLEDGE PLATFORM FOR THE WORLDWIDE BUS & COACH SECTOR

### Autonomous buses: regulation and juridical aspects

10:00-14:00 - Location: ROOM 301, SEMINAR AREA HALL 3

#### PROGRAMME

- 10:00 Welcome
- 10:30 Setting the scene
  - Welcome by Jan Deman, Busworld Academy
  - Mr. François Bellot, Belgian minister for Mobility
  - Jean-François Gaillet, VIAS - Involvement of VIAS in the deployment of autonomous buses in Belgium (projects)
  - Keynote by Clément Delbouys, EASYMILE
- 11:00 When will we have autonomous buses in Belgian cities or enclosed area's- status of technology and services - Round table discussion
  - Jean Baptiste Latil d'Albertas - NAVYA
  - Clément Delbouys, EASYMILE
  - Dennis Mica, 2gether
  - Dario Dessaranno, USH (Labbox)
  - Martin Koutný, Herman Elektronik, ITS5
- 11:40 Coffee break
- 11:50 Legal Framework for the introduction of autonomous buses in Belgium
  - DG Move: "Is Belgium using all incentives the EC is providing?"
  - Karel Hofman & Abde Jebari: "Vision from the Belgian Ministry of Transport"
- 12:15 Vision of Belgian operators
  - Roger Kesteloot, de Lijn
  - Philippe Vandewauwer, MIVB
- 12:30 Belgian Projects in the near future
  - Project in Wallonia : Louvain-la-Neuve-Xavier Tackoen
  - Project in Flanders : Zaventem Airport-Barbara Demaire
  - Project in Brussels : MIVB project in Sint Pieters Woluwe- Philippe Vandewauwer
- 13:00 Future projects of de Lijn
- 13:15 Lunch
- 14:00 Visit of the exhibition

### Next stop: Gmobility

10:00-16:00 - Location: ROOM 321, SEMINAR AREA HALL 3

#### PROGRAMME

- 10:00 Registration and coffee
- 10:45 Welcome and opening remarks
  - Jan Deman, Director Busworld Academy
  - Andrea Gerini, Secretary General, NGVA Europe
  - Sasha Twining, Journalist/Conference Host
- 11:00 Keynote speeches
  - Maja Bakran Marcich - Deputy Director General, DG MOVE
  - Philippe Tabarot - Vice president de la Region Provence-Alpes-Côte d'Azur
- 11:40 Gas fuelling infrastructure: Time to deliver
  - Gas fuelling infrastructure is ready to deliver renewable gas without extra costs. This session gives you an overview about the European situation of CNG and LNG fuelling coverage and how fast renewable gas is reaching our vehicles.*

- Alexey Mozgovoy - Staff Unit for Biomethane, Fachverband BIOGAS e.V
- Andrew Shepherd - Alternative Fuel Development Manager, SEAT Technical Centre
- Jan Theo Hoefakker - MD Commercial Sales, PitPoint clean fuels
- Jukka Metsälä - Vice President, Traffic, Gasum
- Michael Sattler - Head of Future Energy, OMV
- 13:00 Lunch Break
- 14:00 Driving on gas: Delivering in time
  - Gmobility is ready to provide an affordable and concrete way to move people and to transport freight sustainably. This session positions gmobility in a future mobility scenario, investigating the enabling regulations needed as well as how best to remove existing market barriers.*
  - Opening speech: Thomas Fabian - Commercial Vehicles Director, ACEA
  - Alexandre Paquot - Head of Road Transport Unit, DG CLIMA, European Commission
  - Aldo Celasco - Senior Manager Technical Affairs, IRU
  - Christian Hoellinger - Head of Business Development Europe, Shell
  - Giulia Catini - Institutional Relations, CNH Industrial
- 15:45 Conclusion and closing remarks

### Breakfast buffet and debate on the import regulations for buses, components and services in the United States

We are happy to announce the launch of BUSWORLD NORTH AMERICA. At this occasion we kindly invite you for a BREAKFAST BUFFET and debate on the import regulations for buses, components and services in the United States, in at the Seminar Area in Hall 3 (meeting room 324 ) on Saturday morning October 19th at 8.30 Presentations will be made by Mr. Peter Pantuso, president and CEO of the American Bus Association and by Mr. Mike Slugocki, expert in federal procurement procedures in the US. This debate targets all stakeholders with an interest in the North American bus market.

#### PROGRAMME

- Breakfast buffet
- Welcome by Peter Pantuso, CEO & President of ABA
- Welcome by Jan Deman, Director Busworld Academy
- Keynote: "American import rules applicable for the import of buses and parts in the Unites States", by Mr Mike Slugocki, expert in federal procurement procedures - in preparation of Busworld North America 2020 and 2021
- Q&A

Participation at this breakfast debate is free of charge. Registration is absolutely necessary before Friday Oct 18th at 5pm via <https://zfrmz.com/tUdTW4Gx-ULlaZIF5H75S> is necessary.

# Busworld Awards more and electric



Traditions are there to be respected. Every Busworld Europe edition comes with a Busworld Awards, formerly called European Coach Week (ECW). That was no different this year, but the decor was more majestic than before: the Atomium. Last Saturday, more than twenty vehicles which are used for all kinds of tests in all sorts of categories gathered around the most famous monument in Belgium. The predominance of buses, mainly electrically powered, was striking, apart from the large number of participants. An international jury judged each car down to the last bolt. Those who eventually won the highly desired Busworld Awards are immediately recognisable by the stands of the winners at Busworld itself.



The Van Hool Exqui.City Pau was not only awarded the Grand Award but also the Ecology label.



According to the jury, Volvo 9900 totally surpassed the competition in the coach category.

Ten Busworld Awards were awarded in the bus and coach category. The Grand Award Bus went to the hydrogen-powered Van Hool Exqui.City 18, the Grand Award Coach went to the Volvo 9900. The jury ranked the VDL Futura FHD2-135 and the Van Hool EX11H 2nd and 3rd.



During this edition, the members of the jury observed some general trends. Yutong and, by extension, all Chinese manufacturers have made significant progress in general and already meet European standards in many areas. A second observation concerns the guide facilities.

The Tour guide media have been greatly improved: the availability and user-friendliness of connections is improved: multimedia, wifi, laptop connection and mobile devices with screens and sound are improving significantly.

A third observation: cameras are replacing mirrors. This is beneficial for manoeuvring and safety reasons.

Finally, the vehicles with an alternative powertrain (electric, gas, fuel cell) were all of a very similar quality and level.

## Grand Award Coach for Volvo 9900

With its new 9900, Volvo wins through good scores on design, maintenance, ride quality, comfort and acceleration.

Designed and built in Poland, the 9900 stands head and shoulders above the competition according to the jury.

Safety is another quality of this car. Also in this category the difference with the other vehicles is quite substantial, which yields Volvo the Safety Award once again. The jury was impressed by the passive & active safety automated fire extinguishing system, black box system or on board computer, the driver passive safety (energy absorption zone) and the passenger safety (light entrance and exit).

The COMFORT COACH Award goes to the double-decker Setra S531 DT and Van Hool EX11. Both ended ex-aequo. The Setra performs well on driver comfort, tour guide media & passenger environment and comfort. As far as the Tour guide media is concerned, everything is available. This is not the case for all vehicles.

The Van Hool EX11 performs well on vehicle ergonomics, driver ergonomics, touring guide comfort (space, extra micro) and media and passenger comfort. In addition, the audio system, the space between seats, the armrest between seats, leg space and the VIP set up also appealed to the jury.

The DESIGN COACH Award goes to the Chinese manufacturer YUTONG T13. The jury liked both the design of the exterior and the interior. The finishing and placement of the interior, equipment and components were very accurate.

The ECOLOGY COACH Award also goes to the Chinese manufacturer YUTONG ICe12. Yutong uses many recyclable materials in the interior (less plastic, etc., more metals). It was also the only electric vehicle in the coach category making it perform much better in terms of emissions than the other vehicles.

## Grand Award Bus for Van Hool Exqui.City 18 fc

The Van Hool Exqui.City 18 FC trambus destined for the southern French city of Pau received the Busworld Grand Award Bus. Thanks to its 300 km capacity of operational autonomy, which totally surpasses that of other vehicles, the hydrogen fuel cell bus has also been awarded the Ecology label.

The Grand Award Bus was awarded to the Van Hool Exqui.City FC hydrogen/fuel cell bus destined for the southern French city of Pau. The jury praised the safety features, the completely separated driver's desk with centrally located controls, the excellent visibility for the driver and the multitude of cameras covering the entire external area of the bus. In addition, this trambus was awarded the Ecology Bus label for its greater autonomy in comparison with electric vehicles.

The Comfort Bus label was awarded to the Mercedes-Benz eCITARO for its highly ergonomic approach to the driver's desk, the space, the accessibility of everything, the display and the equipment.

The Yutong U12 was awarded the Bus Design label thanks to its European level of design, as well as its high score with regard to the aesthetic balance of the interior and its overall appearance on the outside.

The MAN Lion's City 12G was praised due to its extensive passive safety features for the driver, the acoustic blind spot warning, the mirrors displaying the entire front of the bus and the overall high ratings for other safety aspects for the driver and passengers in general. All of these features suffice to award the newcomer the Safety Bus label.

## Busworld Award winners

BUS	
Exqui.City FC Design Pau	Grand Award
Mercedes-Benz eCitaro	Comfort label
MAN Lion's City Hybrid	Safety label
Yutong U12	Design label
Exqui.City FC Design Pau	Ecology label
COACH	
Volvo 9900	Grand Award
Van Hool EX11H	Comfort label
Setra Topclass S 531 DT	Comfort label
Yutong T13	Design label
Yutong ICe	Ecology label
Volvo 9900	Safety label

## Demand for European standards

Twelve buses competed for the Busworld Grand Award Bus 2019. The vast majority of these were electrically powered buses, alongside a hybrid CNG bus and a hydrogen fuel cell bus. Both midi-buses and standard and articulated buses were pre-programmed and extensively assessed and tested. As the buses were offered as a 'showroom model' by the manufacturer or in the version desired by the carriers, it was not an easy task for the jury to objectively assess these buses. Some comments were made about the potentially very optimistic assessment of the autonomy of battery-powered electric buses in their day-to-day operation. There were also questions regarding the safe installation of high-voltage power lines and the risk of electrocution in electric vehicles; in this respect, there was a demand for unambiguous European standards.



For the first time, the Esplanade at the Atomium formed the magnificent setting for the first Busworld Awards in Brussels. (Foto Ruben Ally)



The jury of the Busworld Awards.



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